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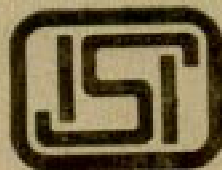


IS : 8852 - 1978

Indian Standard

DIMENSIONS FOR GENERAL PURPOSE PUSH-PULL SINGLE-POLE CIRCUIT- BREAKERS FOR AIRCRAFT

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DIMENSIONS FOR GENERAL PURPOSE PUSH-PULL SINGLE-POLE CIRCUIT- BREAKERS FOR AIRCRAFT

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Indian Standard

DIMENSIONS FOR GENERAL PURPOSE PUSH-PULL SINGLE-POLE CIRCUIT- BREAKERS FOR AIRCRAFT

0. FOREWORD

0.1 This standard was adopted by the Indian Standards Institution on 25 July 1978, after the draft finalized by the Aircraft Electrical Equipment Sectional Committee had been approved by the Electrotechnical Division Council.

0.2 This standard is based on ISO 530-1975(E) 'Aircraft—General purpose push-pull single-pole circuit-breakers — Dimensions', issued by the International Organization for Standardization.

0.3 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS:2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard specifies the dimensions for general purpose push-pull single-pole circuit-breakers for aircraft.

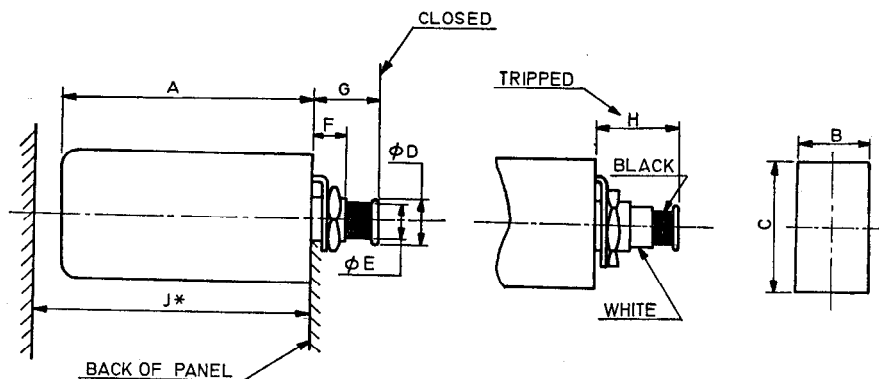
2. DIMENSIONS

2.1 The dimensions of general purpose push-pull single-pole aircraft circuit-breakers, of ratings up to and including 35A, shall not exceed those shown in Fig. 1.

2.2 The circuit-breaker shall have at the centre of the front face of the case a 12 mm diameter, 1 mm pitch male thread for fixing through the mounting panel.

2.3 The holes in the mounting panel for fixing the circuit-breaker shall be as shown in Fig. 2. The small panel hole may be used to prevent rotation of the circuit-breaker.

*Rules for rounding off numerical values (*revised*).



Dimension

| | |
|------------|----------|
| <i>A</i> † | 63 Max |
| <i>B</i> | 19.5 Max |
| <i>C</i> | 33 Max |
| <i>D</i> | 10.4 Max |
| <i>E</i> | 8.4 Max |

Dimension

| | |
|------------|----------|
| <i>F</i> | 9 Max |
| <i>G</i> | 16.3 Max |
| <i>H</i> | 22.8 Max |
| <i>J</i> * | 80 |

All dimensions in millimetres.

*Recommended minimum clearance.

†Including terminations.

FIG. 1 DIMENSIONS OF SINGLE-POLE CIRCUIT-BREAKERS
(OF RATINGS UP TO AND INCLUDING 35A)

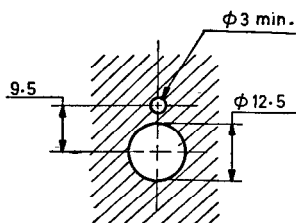


FIG. 2 PANEL DRILLING